


SAPC 7333 ✓
Copy No. 1 of 7

26 June 1956

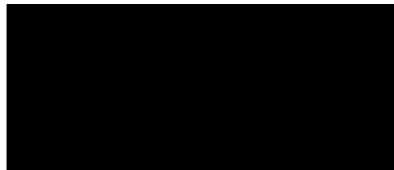
PRELIMINARY ANALYSIS OF FLIGHT NO. 1
SYSTEM ONE - S-BAND
20 June 1956

1. The first analysis made concurrently with the duping shows that the equipment operated satisfactorily over the pay-portion of the flight. The first eighteen minutes of the tape is blank, reason unknown as yet. After the recording started, six or possibly a few more 

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2. Upon entering the USSR orbit, Tokens began to appear and during the flight behind the Curtain, an average of approximately two Tokens were constantly received with a variation of zero to four Tokens on each side of the plane. The Token activity was greatest in Eastern Poland near the East German-Poland border. A few non-Token signals appeared, perhaps three signals in all, before Katowice. Several non-Token signals appeared from Katowice to the West German border, perhaps six or eight. One of these had conical scan. The non-Token signal density reached a maximum over Prague. Additional analysis will be necessary to identify these signals. Analysis is continuing.

3. At no time during the flight was the aircraft "tracked" (i.e., followed) by an S-band signal. However, the intensity of the signals from Tokens near the path of flight is such that it is believed that echoes must have been received on the scope of the Token.



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